



ENVIRONMENTAL
SERVICES
DEPARTMENT



THE CITY OF SAN DIEGO

Nondisposal Facility Element

Sixth Amendment

PLEASE NOTE:

***This document has been adopted by the
San Diego City Council, but is currently
awaiting concurrence from the CIWMB***

Prepared by
City of San Diego
Environmental Services Department

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PREFACE

This Nondisposal Facility Element (NDFE) has been prepared to comply with Public Resources Code (PRC) Section 41732 et seq. It is a general description of the solid waste facilities needed to implement the City's waste reduction (source reduction, recycling, and composting) activities necessary to meet the mandates established by AB939 and its implementing regulations. The NDFE may include existing, planned, or proposed facilities and addresses potential expansions to existing facilities. Facility descriptions contain information that was available at the time of preparation of the NDFE. However, this document is not intended as a limitation on the design, capacity, or throughput of a facility. Therefore, a facility may be larger or smaller than described in the NDFE based on project economics or permit requirements and still be consistent with the NDFE.



1.0 INTRODUCTION

On September 29, 1989, Governor Dukemajian signed the California Integrated Waste Management Act of 1989, incorporating it into State law as Public Resources Code (PRC) 41730 et seq., but usually referred to by its bill number, AB939. This act shifted the focus of waste management in California from landfill disposal to “integrated waste management” with an emphasis on source reduction, recycling, and composting as primary strategies to reduce the State’s dependence on landfill disposal of waste.

AB939 requires each city and county within California to prepare and implement Source Reduction and Recycling Elements (SRREs) that will reduce wastes disposed of in landfills by 50 percent by the year 2000, and in subsequent years, compared to 1990 base year tonnages. The SRREs describe the programs, activities, and strategies that the cities and counties plan to carry out to achieve the mandated waste reduction.

In 1992, the requirement to prepare a Nondisposal Facility Element (NDFE) was added to the PRC. NDFEs describe new or modified solid waste facilities needed by cities and counties to accomplish AB939 requirements. As defined by PRC section 40151, a “nondisposal facility” is any facility that is required to obtain a solid waste facility permit (SWFP) or composting permit, other than disposal or transformation facilities. Section 41733 specifies that amendments to include facilities recovering less than five percent of the material processed do not require California Integrated Waste Management Board (CIWMB) approval. NDFE amendments are specifically exempt from the California Environmental Quality Act.

1.1 When is an NDFE Amendment Required?

This City of San Diego NDFE is intended to be a proactive planning document, and **facilities that are consistent with this document will not require an NDFE amendment**. ESD will review the application and determine if an NDFE amendment is needed. Changes in the tonnages processed at a facility should be evaluated, but may not need an NDFE amendment, particularly if there is no reduction in the amount of material diverted from disposal. If a reduction in the tonnage diverted is accompanied by an improvement in the beneficial use, or is related to waste reduction, then an amendment may not be required. An amendment may be processed for new facilities, and for modifications to existing facilities, if these modifications affect the City's or the region's integrated solid waste management program. In some cases, even a new facility may be found to be consistent with this NDFE. ESD will analyze the facility for consistency with the NDFE and will determine if an amendment is required. Facilities that do not require a SWFP or composting permit do not require an NDFE amendment, but these facilities are an important part of the City's program so they have been included in this document. The list of recycling facilities that do not require a permit from the CIWMB may not be all-inclusive and may include businesses that have gone out of business since the time this update was approved.

1.2 Goals

The City of San Diego intends to use the NDFE to plan and consider the effects of infrastructures on waste reduction efforts, with the goal of minimizing the amount of material that requires disposal. Careful consideration will be given to short- and long-term effects of projects on the waste stream and other waste reduction programs. San Diego generally supports infrastructure that provides for reduction in solid waste, and for the diversion of solid waste from landfills to productive uses that are not environmentally damaging. The following solid waste management questions will be considered by ESD when deciding if an amendment to the NDFE is necessary:

- Is the facility diverting the maximum amount possible from disposal in landfills, to the most beneficial use possible, keeping in mind that waste reduction is emphasized before diversion?
- Does the new or modified facility significantly disrupt other waste management efforts?
- Does a facility that diverts less than five percent of the throughput from disposal have any negative effect on the City's AB939 compliance efforts?

Other standards will be used for local land use considerations, and inclusion in the NDFE does not guarantee approval of a project when it comes forward for land use consideration, nor does it require the Local Enforcement Agency (LEA) to issue a SWFP or composting permit.

LEAs regulate tonnages handled at solid waste facilities according to tonnage limits provided in SWFPs and composting permits; however, for the tier that some nondisposal facilities fall within, LEAs may not condition SWFPs to specify a diversion rate (PRC section 50001). Local land use permits may specify diversion rates, but the land use planning process is not designed for regular inspections after permits are issued, and enforcement is difficult. The descriptions of the facilities in the NDFE are for general planning purposes, and there is no enforcement mechanism to verify diversion standards. Thus, there is no way to ensure diversion claims made by facilities as they proceed through the permitting process will be maintained. In considering whether to amend the NDFE to include or to modify a facility description, this shortcoming will be considered.

1.3 Changes to the NDFE

The sixth amendment deletes the Soil Wash Technologies soil remediation facility, A-1 Soils Company composting facility, and Organic Recycling West composting facility; and adds two Material Recovery Facilities (MRF). One of these MRFs was included in previous versions, and subsequently removed. The need for this facility has once again been evaluated, and has been added to the NDFE. The second MRF has not previously been included in the NDFE. This amendment also updates information regarding clean MRFs and recyclers.

2.0 FACILITIES

2.1 Composting Facilities

Approximately 20.3 percent of the San Diego waste stream is composed of organic wastes. Majority of this waste is from food (8.3%) and yard waste (8.1%). Overall composition of organic waste is provided in Table 1 and Figure 1, detailing the composition of the organic constituents. Because a fifth of the waste disposed of is organic, there is a large potential amount of material that could be diverted and composted. ESD has several programs aimed at diverting green waste from the landfill. These include:

- *ESD Christmas Tree Recycling Program.* This program diverts 140,000 trees per year from the landfill, approximately 1,200 tons per season. The program has 18 drop-off locations across the City and trees are collected for almost four weeks.
- *Food Waste Composting Program.* This program began in partnership with the Marine Corps Recruiting Depot (MCRD). Pre- and post-consumer food waste is currently trucked from MCRD, Petco Park and Point Loma Nazarene University to the Miramar Greenery where it is mixed in with green waste. Other food waste generators will be added to the program. Currently, 1,000 tons per year are diverted. A research program will explore the addition of drywall to the current composting program.
- *Curbside Yard Waste Collection Program.* The City collects curbside yard waste on a biweekly basis at no charge from 63 percent of single-family residences in the City. This service, which was recently expanded to serve approximately 50,000 new homes, will continue to be expanded as funding and resources allow. Currently, the program diverts approximately 33,000 tons of material per year. Additionally, the City distributes educational materials to encourage homeowners to leave grass clippings on lawns as fertilizer.
- *Back Yard Composting.* The City provides subsidized bin sales and educational programs about backyard composting. Information is provided on how to build bins, where to buy materials, and how to start and troubleshoot compost piles. Classes to become a Master Composter are offered once a year and compost workshops throughout the year.

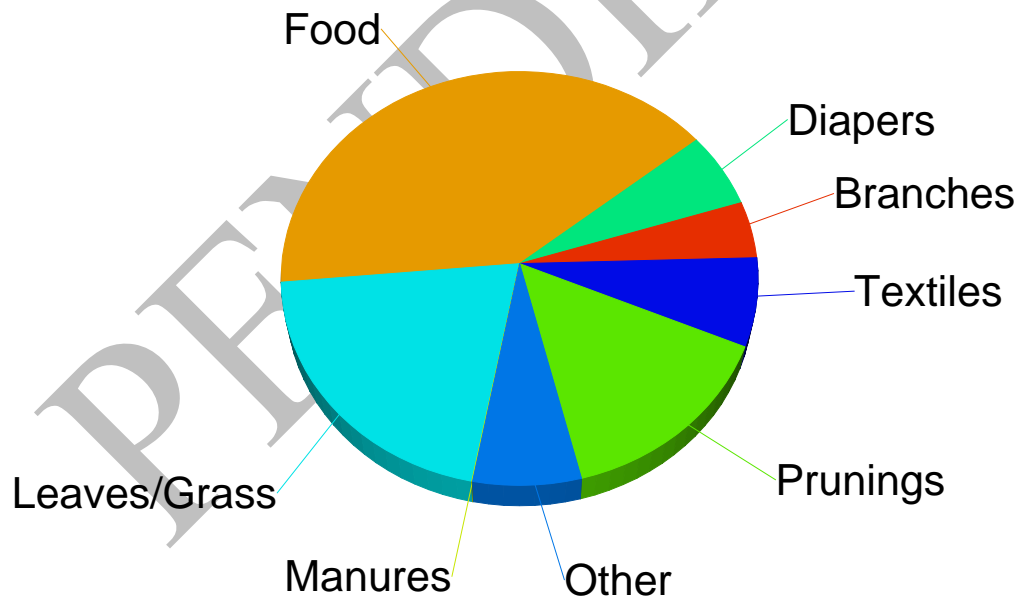


Table 1: Composition of Organic Waste Disposed of in San Diego

<u>Organic Material</u>	<u>Percent</u>	<u>Tons</u>
Food	8.3	139,762
Leaves & Greens	4.2	70,195
Prunings & Trimmings	3.0	50,336
Branches & Stumps	0.9	15,661
Manures	>0	210
Textiles	1.4	22,754
Diapers	1.2	19,740
Remainder/Composite Organic	1.4	23,227
<u>Total Organic Composition</u>	20.4	341,874

Source: City of San Diego Waste Composition Study 1999-2000.

Figure 1. Composition of Organic Waste Disposed of in San Diego. Data were used from Table 1, City of San Diego Waste Composition Study 1999-2000.



The following composting facilities support the City's efforts to divert organic waste from the landfill.

2.1.1 EVERGREEN NURSERY



This facility processes 16,500 to 22,000 tons annually, with approximately 5,500 tons stored onsite at any one time. The material is used by the nursery as a soil amendment for container plants and is sold to landscapers. This facility serves organic waste generators in the City of San Diego and surrounding jurisdictions and diverts at least 95 percent of the green waste accepted. Modifications to expand this facility would not be expected to trigger the need for an NDFE amendment.

Location of Facility:	7150 Black Mountain Road San Diego, CA 92130
Facility Permit Number:	37-AB-0005
Date of Permit Issue:	February 10, 2000
Date of Permit Review:	February 10, 2005
Volume of Material Handled (peak loading):	10,000 cubic yards
Annual Loading:	37,500 cubic yards
Days and Hrs of Operation:	Monday through Saturday 7:30 a.m. to 4:00 p.m.
Facility Size:	3 acres
Operating Area Size:	90 acres
Incoming Waste Material:	40 vehicles per day
Outgoing Waste Material:	5 vehicles per day

2.1.2 MIRAMAR GREENERY COMPOSTING FACILITY



This facility at the Miramar Landfill processes yard trimmings into compost and mulch. This facility currently diverts approximately 100,000 tons of yard trimmings (and other organics) per year from the Miramar Landfill, with this tonnage permitted to increase as the City expands its curbside collection of yard waste to more residences. This facility primarily serves organic waste generators in the City of San Diego, although loads from

other jurisdictions are also accepted. Modifications to expand this facility beyond its currently permitted capacity, to increase acceptable organic feedstocks, or to relocate it would not be expected to trigger the need for a NDFE amendment.

Location of Facility:	5801 Convoy St. San Diego, CA 92111
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Facility Permit Number:	37-AB-0003
Date of Permit Issue:	May 1, 2000
Date of Permit Review:	May 1, 2005

Site Capacity:	1,000,000 cubic yards
Daily Peak Loading:	2,770 cubic yards
Annual Loading:	1,000,000 cubic yards

Days and Hrs. of Operation:	Monday to Friday: 7:00 am – 4:30 pm Saturday and Sunday 7:30 am – 4:30 pm
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Facility Size:	238.75 acres (approximately)
Operating Area Size:	238.75 acres (approximately)
Incoming Waste Material:	Not available
Outgoing Waste Material:	Not available

Estimated Diversion rate:	The facility accepts primarily source-separated feedstocks and is therefore is expected to achieve a greater than 95% diversion rate. In 2003, the facility diverted 100,000 tons of green waste, wood waste, and other organics.
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2.1.3 MIRAMAR WHOLESALE NURSERIES

Miramar Wholesale Nurseries, A TruGreen LandCare Company, processes approximately 20,000 cubic yards of green waste per year with a maximum of 10,000 cubic yards stored on site at any one time. All green waste used in Miramar Nursery's operation is generated internally, and exclusively by TruGreen LandCare landscape branches in the San Diego area. When the compost becomes a finished product, it is used as a soil amendment for the nursery's containerized stock, and is sold to landscapers for commercial use. Relocation of the operation within the leased area would not be expected to trigger a need for a NDFE amendment.



Location of Facility:	5400 Governor Drive San Diego, CA 92122
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Facility Permit Number:	37-AB-0011
Date of Permit Issue:	Oct. 3, 2002
Date of Permit Review:	Oct. 3, 2007

Site Capacity:	10,000 cubic yards
Daily Peak Loading:	50 cubic yards
Annual Loading:	20,000 cubic yards

Days and Hrs of Operation:	7:00 A.M. to 5:00 P.M., 7 days a week
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Facility Size:	100 acres (approximately)
Operating Area Size:	3 acres (approximately)
Incoming Waste Material:	25 vehicles per day
Outgoing Waste Material:	5 vehicles per day

2.2 Facilities Diverting Less than Five Percent of Throughput

Although facilities diverting less than five percent of the throughput do not make a significant contribution to waste reduction, they are integral to solid waste management by increasing disposal options, and they may have effects on the solid waste system of a region.

2.2.1 EDCO RECOVERY AND TRANSFER STATION

This existing facility is located in the Barrio Logan neighborhood of San Diego. Bay Cities Services, Inc., requested permits in 1992 to operate a 200-ton-per-day (maximum) transfer station for non-putrescible materials. The current operator is EDCO Disposal Corporation, which has modified and expanded the facility to handle



1,500 tons per day of mixed waste. Less than five percent of the throughput is diverted via the hazardous material screening process. The facility handles waste from Coronado, La Mesa, Nation City, Lemon Grove, Chula Vista, and portions of the City of San Diego's commercial waste stream. Because of the effect that the movement of the mixed waste stream can have on diversion programs, modification to this facility could require an NDFE amendment.

Location of Facility: 3660 Dalbergia Street
San Diego, CA 92113

Facility Permit Number: 37-AA-0105
Date of Permit Issue: December 16, 2003
Date of Permit Review: December 16, 2008

Site Capacity: 1,716 tons per day
Daily Peak Loading: 1,500 tons per day
Annual Loading: Not available

Days and Hrs of Operation: 6:00 a.m. to 7:00 p.m. Monday - Saturday


Facility Size: 1.6 acres
Operating Area Size: 1.6 acres
Incoming Waste Material: 1506 Passenger Car Equivalent Vehicles (PCEV) per day
(total in/out combined)
Outgoing Waste Material: included in 1506 PCEV per day count

2.3 Facilities Diverting More than Five Percent of Throughput

There are two major types of waste handling facilities that may divert more than five percent of the throughput (as opposed to recyclable material handling or composting facilities). One type of facility includes transfer stations that receive both source separated recyclable materials and mixed municipal waste. There are two such facilities that serve generators in the San Diego City area. The other type of facility is sometimes called a dirty materials recycling facility or “dirty MRF.” Dirty MRFs require little responsibility on the part of the waste generator to reduce wastes or separate recyclables from the waste stream, relying instead on separation after-the-fact. They can be used to facilitate recycling and/or composting from waste streams where removing materials at the point of generation is difficult. Whether this option is appropriate depends on the nature of the waste generator and the nature of the waste stream. Waste streams high in recyclable or compostable material, where removing the material at the point of generation is difficult, are most appropriate for this technology. It can also be used as the “front end” of incinerators to ensure that recyclables are recovered and inappropriate materials are not burned. Plans for the only such facility proposed in the City of San Diego were previously canceled; however two revised projects are described in Section 2.3.3 and 2.3.4 below.

2.3.1 WASTE MANAGEMENT TRANSFER STATION

This facility is permitted to transfer mixed municipal waste to large trucks for transportation. In addition, source separated loads of commingled recyclables from San Diego, El Cajon, Santee, Poway, and unincorporated areas are transferred to large trucks for transportation to recycling facilities. Corrugated cardboard is transported to Smurfit Recycling. This facility is not located in the City of San Diego, but serves commercial waste generators in the City. This facility diverts an estimated eight percent of the total throughput. Modifications to expand this facility would not be expected to trigger the need for an NDFE amendment.



Location of Facility:	1180 W. Bradley El Cajon, CA 92020
Site Capacity:	Not available
Daily Peak Loading:	2,000 tons per day
Annual Loading:	Not available
Days and Hrs of Operation:	4:00 a.m. to 8:00 p.m. Monday - Friday 4:00 a.m. to 1:00 p.m. Saturday - Sunday
Facility Size:	13 acres
Operating Area Size:	5.3 acres
Incoming Waste Material:	1,822 PCEVs per day (total in/out combined)
Outgoing Waste Material:	included in 1,822 PCEV per day count

2.3.2 EDCO STATION



This facility, located in La Mesa, is primarily a mixed waste transfer station receives loads from areas surrounding San Diego including San Diego, El Cajon, Lemon Grove, La Mesa, and unincorporated areas. This facility hosts a public buy-back center. It is not located in the City of San Diego, but serves commercial waste generators in the City. This facility diverts an estimated five percent of the total throughput. Modifications to expand this facility would not be

expected to trigger the need for an NDFE amendment.

Location of Facility:	8184 Commercial Street La Mesa, CA 91942
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Site Capacity:	Not available
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Daily Peak Loading:	1,000 tons per day
Annual Loading:	312,000 tons

Days and Hrs of Operation:	7:00 a.m. to 4:00 p.m. Monday - Saturday
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Facility Size:	4.1 acres
Operating Area Size:	4.1 acres
Incoming Waste Material:	1214 PCEVs per day (total in/out combined)
Outgoing Waste Material:	included in 1214 PCEVs per day count

2.3.3 CITY MATERIAL RECOVERY FACILITY

The City previously planned a MRF, but the technology that had been selected proved inappropriate for use in San Diego. The SRRE said this MRF would process 300,000 tons of mixed municipal waste and divert 150,000 tons of this material from the Miramar Landfill annually. Two-thirds of the material diverted, approximately 90,000 to 100,000 tons of the City's total disposed waste stream, would have been composted (the remainder of the diverted material would have been recycled). The City of San Diego re-evaluated the need for this facility based on the track record of similar facilities, and decided to pursue an alternative approach. Currently, the City is investigating MRF/transfer station technologies to determine the best technology to compliment the facility described in section 2.3.4.

Location of Facility:	5180 Convoy St. San Diego, CA 92111
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Site Capacity:	Not available
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Annual Loading:	Not available
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Days and Hrs of Operation:	7:00 a.m. to 4:30 p.m. Monday - Friday 7:30 a.m. to 4:30 p.m. Saturday - Sunday
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Facility Size:	Undetermined
Operating Area Size:	Undetermined
Incoming Waste Material:	Not available
Outgoing Waste Material:	Not available

2.3.4 CITY MATERIAL RECOVERY FACILITY

A MRF is planned for the Miramar Landfill in the near term to reduce the amount of waste, especially construction and demolition debris buried in the landfill. This MRF will process up to 722,200 tons of mixed municipal waste and divert at least 50% of this material from disposal in the Miramar Landfill annually. The MRF will incorporate mechanized and manual sorting of incoming loads to separate the maximum amount of recyclable materials possible. Recyclables to be diverted will include, but not be limited to, construction and demolition waste, metals, cardboard, and green waste. Some of the diverted recyclables including, but not limited to, green waste, wood waste, and drywall, may be further processed at the City's Miramar Greenery Composting Facility (Section 2.1.3). Recyclable materials not processed onsite or at the Miramar Greenery will be transported off-site. Modifications to expand this facility beyond its currently planned capacity or to relocate it within the Miramar Landfill leased area would not be expected to trigger the need for a NDFE amendment.

Location of Facility:	5180 Convoy St. San Diego, CA 92111
Site Capacity:	Not available
Annual Loading:	722,000 tons
Days and Hrs. of Operation:	24 hours per day seven days per week for operations. Incoming loads will be accepted as follows: 7:00 am – 4:30 pm Monday – Friday 7:30 am – 4:30 pm Saturday – Sunday
Facility Size:	Undetermined
Operating Area Size:	Undetermined
Incoming Waste Material:	Not available
Outgoing Waste Material:	Not available

2.4 Clean Materials Recovery Facilities and Recyclers

Quantitative waste reduction requirements in the PRC make it difficult to emphasize source reduction, as the environmental spirit of the AB939 legislation would encourage. Measuring reduction in tonnage disposed is the easiest way to ensure that source reduction is encouraged. However, various management, planning and regulatory issues sometimes make it necessary to measure diversion. As evidenced by this document, this measurement is complicated by transfer of materials between facilities. Furthermore, most recycling facilities do not require a SWFP permit, and therefore do not require inclusion in the NDFE, despite the fact that such facilities are the backbone of the measurable diversion of most local governments' AB939 programs.

Public sector source reduction and diversion programs alone will not accomplish waste reduction on the scale required by law. They must be complemented by private sector efforts. Local governments can encourage such efforts through eased zoning codes, Recycling Market Development Zones, and other methods. In the City's SRRE, San Diego set forth a method for accomplishing the required waste reduction without placing mandates on waste generators. A key focus of this approach includes encouraging and publicizing private recycling efforts.

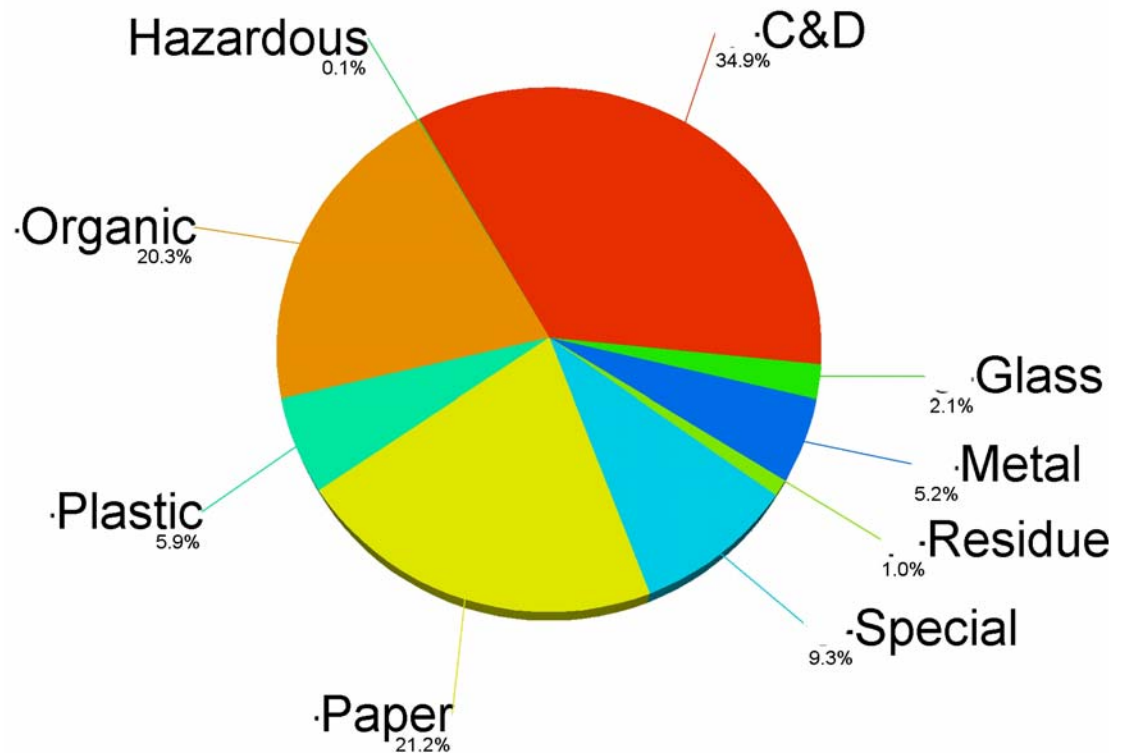
The City of San Diego's waste stream contains significant portion of recyclable materials, warranting concerted diversion efforts. The total composition of waste disposed of in the City of San Diego provided in Table 2, and Figure 2 shows additional recycling potential.

Table 2: Composition of Waste Disposed of in San Diego (calculated at 90% confidence interval).

Category	Percent	Tons			
Paper	21.3	356,591	Organic	20.3	341,874
Uncoated Corrugated Cardboard	5.7	85,299	Food	8.3	139,758
Waxed Corrugated Cardboard	0.6	9,680	Leaves and Grass	4.2	70,193
Newspaper	3.7	61,961	Prunings and Trimmings	3.0	50,334
Paper Bags	0.5	9,063	Branches and Stumps	0.9	15,661
Magazines and Catalogs	0.9	15,602	Manures	>0	210
White Ledger Paper	1.2	20,046	Textiles	1.4	22,754
Colored Ledger Paper	0.3	4,215	Diapers	1.2	19,740
Computer Paper	0.1	1,148	Remainder/Composite Organic	1.4	23,226
Other Office Paper	0.4	6,540			
Remainder/Composite Paper	4.9	82,984	Construction and Demolition	34.9	586,157
Phone Books and Directories	0.3	5,125	Concrete	4.1	69,435
Miscellaneous Paper	3.3	54,920	Asphalt Paving	0.5	8,496
			Asphalt Roofing	2.5	41,197
Glass	2.1	34,626	Non-Treated Lumber	3.8	63,628
CRV Clear Bottles	0.5	7,757	Treated Lumber	5.3	89,778
Non-CRV Clear Bottles and Containers	0.3	5,869	Gypsum Board	2.6	43,333
CRV Brown Bottles	0.2	3,923	Rock, Soils, and Fines	9.4	157,887
Non-CRV Brown Bottles and Containers	>0	422	Contaminated Soil, Street Sweeping, Etc.	1.1	18,014
CRV Other Colored Bottles	0.3	5,534	Carpet and Carpet Padding	3.0	50,463
Non-CRV Other Colored Bottles	0.1	1,449	Remainder/Composite C&D	2.6	43,927
Flat Glass	0.4	7,362			
Remainder/Composite Glass	0.1	2,310	Household Hazardous	0.1	2,232
			Paint	>0	144
Metal	5.2	86,682	Vehicle and Equipment Fluids	>0	36
Tin/Steel Cans	0.6	9,480	Used Oil	>0	157
Major Appliances	0.0	727	Batteries	0.1	1,053
Other Ferrous Metal	2.6	43,526	Remainder/Composite Household Hazardous	0.1	841
CRV Aluminum Cans	0.2	2,558			
Non-CRV Aluminum Cans	0.0	257	Special Wastes	9.3	155,954
Other Non-Ferrous Metal	0.3	4,863	Ash	>0	478
Composite Metal	1.5	25,273	Sewage Solids	7.2	120,560
			Industrial Sludge	0.2	3,219
Plastic	5.9	98,545	Treated Medical Waste	0.1	2,073
CRV HDPE Containers	0.2	3,915	Bulky Items	1.3	21,275
Non-CRV HDPE Containers	0.1	1,391	Tires	0.1	1,771
CRV PETE Containers	0.1	1,347	Remainder/Composite Special Waste	0.4	6,578
Non-CRV PETE Containers	0.3	4,970			
Miscellaneous Plastic Containers	0.4	6,383	Mixed Residue	1.0	17,562
Film Plastic	2.8	46,651			
Durable Plastic Items	0.9	15,358			
Remainder/Composite Plastic	1.1	18,533			
			Total	100.0	1,680,211

Source: City of San Diego Waste Composition Study 1999-2000.

Figure 2. Summary of the composition of waste disposed of in the City of San Diego. Data are from Table 2, City of San Diego Waste Composition Study 1999-2000.



2.4.1 FACILITIES SUPPORTING THE CITY CURBSIDE AND PARK & REC. PROGRAMS

2.4.1.1 Allan Company Recycling Center



This facility is located on a rail line for long-distant transport of materials. This facility accepts, separates, and prepares for transport large amounts of CRV, paper, and scrap materials. The Allan Company operates three recycling centers, but the facility on Consolidated Way is currently processing one half of the material collected in the City's curbside recyclable materials collection program. In addition, it accepts additional materials from commercial sources. Modifications to expand this

facility would not be expected to trigger the need for an NDFE amendment. One of the other Allan Company facilities is described in section 2.4.2.1.

Location of Facility:	6733 Consolidated Way San Diego, CA 92121
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Site Capacity:	10,000 tons per month
Daily Peak Loading:	450 tons per day
Annual Loading:	120,000 tons

Days and Hrs of Operation:	6:00 a.m. to 5:00 p.m. Monday - Friday 7:00 a.m. to 12:00 p.m. Saturday
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Facility Size:	3.5 acres
Operating Area Size:	2.5 acres
Incoming Waste Material:	40 vehicles per day
Outgoing Waste Material:	10 vehicles per day



2.4.1.2 IMS Recycling Services, Inc.

IMS provides several recycling services including operation of the Boston Avenue facility. This facility accepts, separates, and prepares for transport one half of the recyclable materials collected by the City's curbside program as well as material from other sources. Commingled materials are separated using CP Manufacturing, Inc. equipment. Modifications to expand this facility would not be expected to trigger the need for an NDFE amendment.

Location of Facility:	2740 Boston Avenue San Diego, CA 92113
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Site Capacity:	4,000 tons per month
Daily Peak Loading:	Not available
Annual Loading:	48,000 tons

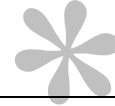
Days and Hrs of Operation:	7:00 a.m. to 5:00 p.m. Monday - Friday
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Facility Size:	60,000 sq. ft.
Operating Area Size:	60,000 sq. ft.
Incoming Waste Material:	40 vehicles per day
Outgoing Waste Material:	10 vehicles per day

2.4.1.3 EDCO Recycling

EDCO provides several solid waste services in the region including operation of the EDCO Recycling Facility in Lemon Grove. EDCO has a contract with the City to accept, separate, and prepare for transport recyclable materials collected at City Park and Recreation locations. Recycling drop-off bins are located at most of the City's parks. This facility accepts and processes approximately 1300 tons of recyclable materials per year from the City Park and Recreation program. Modifications to expand this facility would not be expected to trigger the need for an NDFE amendment.

Location of Facility:	6600 - 6670 Federal Blvd. Lemon Grove, CA 91945
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Site Capacity:	Not available
Daily Peak Loading:	Designed to process an average 600 tons of source-separated and single stream recyclables per day
Annual Loading:	Not available
Days and Hrs of Operation:	7:00 a.m. to 4:30 p.m. Monday - Friday 7:00 a.m. to 12:00 p.m. Saturday
Facility Size:	7 acres
Operating Area Size:	5 acres
Incoming Waste Material:	Not available
Outgoing Waste Material:	Not available

2.4.2 FACILITIES PROMOTED BY THE CITY

2.4.2.1 Miramar Recycling Facility

The City promotes diversion via a public/private partnership with a facility located at the entrance to the Miramar Landfill. This location is important in assuring convenient



access and emphasizing the ethic that recyclable materials are not trash. The Miramar Recycling Facility located at the landfill entrance is operated by Allan Company, which leases the land from the City. CRV materials, fibers, scrap metals, mattresses, toilets, and tires are accepted. This facility serves the San Diego area. Modifications to expand this facility would not be expected to trigger the need for an NDFE amendment.

Location of Facility:	5165 Convoy Street San Diego, CA 92111
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Site Capacity:	200 tons
Daily Peak Loading:	60 tons
Annual Loading:	12,000 tons

Days and Hrs of Operation:	7:00 a.m. to 4:30 p.m. Monday - Friday 7:30 a.m. to 4:30 p.m. Saturday-Sunday
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Facility Size:	2 acres
Operating Area Size:	2 acres
Incoming Waste Material:	175 vehicles per day
Outgoing Waste Material:	4 vehicles per day

2.4.2.2 Other Facilities

The City promotes many recycling companies by listing them on the City's Recycling Guide. The larger recycling facilities are run by the following companies: Regan Recycling, Allan Company, California Metals, Cactus Recycling, Fibre Resources, Unlimited, Inc., Pacific Steel, Inc., San Diego Fibres, San Diego Pallet, EDCO Recycling, and Waste Management, Inc.

Many of the facilities listed in the City's brochure are small operations that collect primarily California Redemption Value (CRV) materials. Several companies, such as 20/20 Recycling Co. and Tomra Pacific Recycling, operate many small recycling centers throughout the region. These small companies sell the recyclable materials to larger companies, which process and ship the materials to end-users. The following list includes these smaller operations:

A-1 Alloys	San Diego Fibers Corp.
AB Recycling	San Diego Market Recycling
Allan Company	San Diego Wild Animal Park
American Recycling	Save the Planet Recycling Center Inc.
Bay Ho Recycling	Skyline Recycling
California Metals	Southwest Recycling
DUCO	Spring Recycling
EDCO Recycling	Stadium Market & Recycling
Escondido Recycling Yard	The Recycling Depot
Greentree Recycling	Time Recycling
Imperial Recycling	Tomra Recycling Network
IMS Recycling	Universal Recycling
J&R Recycling	Your Neighborhood Recycling
Klein Metals and Recycling	
Lakeside Recycling	
Linda Recycling	
Linda Vista Ecology Center	
M&M Recycling	
Main Street Recycling	
Mike's Recycling	
Mt. Carmel High School	
Nexcycle	
OB Recycling	
Old Town Recycling	
Pacific Beach Mobile Recycling	
Pacific Coast Recycling	
Pacific Steel Inc.	
Paul Brown South Bay	
Quality Recycling	
Recycle the Planet	
Regan Recycling	

The City's brochure also promotes companies that collect recyclable material directly from businesses. They include the following facilities:

Allan Company
Arrow Recycling
Cactus Recycling
Cal-Pac Recycling Inc.
EDCO Waste & Recycling
Fibre Resources
Klein Metals & Recycling
Legacy Fibers International
Lowe Co. Recycling
Old Town Recycling
North County Grease SVC

Pacific Waste Services
Prime Plastic Products
Recall Secure Destruction
Resource Management Group
San Diego Fibers Corp.
San Diego Pallet
Summit Corrugated
Tayman Industries
Urban Corps
Waste Management, Inc.



The City's brochure also promotes appliance and scrap metal recycling. The following companies accept primarily metals from commercial and residential sources:

A&S Metals Recycling
A-1 Alloys
Allan Co.
American Recycling
Anchor Electronics
Arrow Recycling Inc.
Beacon Management Inc.
Cactus Recycling
California Metals & Electronics
Debris Box
Dependable Disposal & Recycling
Ecology Auto Parts
EDCO Recycling
Ekco Metals Tech.
Emerald Waste & Recovery, Inc.

Escondido Recycling Yard
Express Waste & Roll-off Service
IMS Recycling Services
Klein Metals & Recycling
Michael Metals
Miller Metals
National Environmental Waste Corp.
Old Town Recycling
P. Brown South Bay Recycling
Pacific Coast Recycling Co.
Pacific Steel Inc.
Powerhouse Enterprises
SOS Metals San Diego
Tech. Training Foundation of America
Tomra Recycling Network

The City also promotes construction demolition and yard waste in the recycling guide. The following companies accept these materials:

Agri-Services	Inland Pacific Resource Recovery
Architectural Salvage	L.E. Morrison Sand & Gravel
Battle Lumber & Hardware	Lakeside Land Co.
California Commercial Asphalt	Miramar Greenery
Carpet Pad Collections	Moody Excavating
3D Carpet Covering	ReRock Materials
D&D Recycling	Romero General Const Corp.
Enniss Materials	Superior Ready Mix Concrete
Escondido Sand and Gravel	Vulcan Materials – Carol Canyon
Habitat Restore	Vulcan Materials – Western Div.
Hanson Aggregates	
Hester Granite Co.	

Finally, the City's brochure promotes building fixtures and materials recyclers, such as Architectural Salvage, Battle Lumber & Hardware, and Habitat Restore.

2.5 Facilities Deleted from the NDFE

This section lists all facilities that are no longer in operation or no longer planned and therefore have been deleted from the City's planning effort. Currently there are three such facilities.

2.5.1 SOIL WASH TECHNOLOGIES

Soil Wash Technologies was a facility located at 9310 Friars Road that received nonhazardous, petroleum-contaminated soil from environmental remediation projects and using patented equipment and microbiological emulsions reduced the petroleum contamination to a minimal level.

2.5.2 A-1 SOILS COMPANY

A-1 Soils Company was a composting facility located at 9255 Camino Santa Fe Drive that processed horse manure, chicken manure, and wood shavings into soil amendments. The facility used active windrow processing to promote rapid decomposition of feedstock into custom blended products that were sold in bulk to landscapers and other large scale end-users. The permit for this facility was listed as "inactive" when the City took the NDFE – Sixth Amendment to the LTF. City staff has since learned that the facility has closed and all necessary site remediation has occurred, so therefore, this facility is being deleted from the NDFE.

2.5.3 ORGANIC RECYCLING WEST

Organic Recycling West was a composting facility located at 1202 La Media Road that processed yard waste into compost and mulch. The facility used open windrow composting technology. The permit for this facility was listed as "active" when the City took the NDFE – Sixth Amendment to the LTF. City staff has since learned that the facility has closed and necessary site remediation is beginning to occur, so therefore, this facility is being deleted from the NDFE.

2.6 Map of NDFE Facilities

